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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	Unknown 10/824,123
Filing Date	Herewith
First Named Inventor	Han
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	003330 USA PO1/ETCH/METAL/JB

Sheet 1 of 3

**U. S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
ML		US- 4244743	01/13/1981	Blackburn et al.	
ML		US- 4433004	02/21/1984	Toshio et al.	
ML		US- 4743493	05/10/1988	Siohansi et al.	
ML		US- 4897315	1/30/1990	Gupta	
ML		US- 4910092	03/20/1990	Olson et al.	
ML		US- 4933239	06/12/1990	Olson et al.	
ML		US- 4939308	07/03/1990	Maxfield et al.	
ML		US- 4973445	11/27/1990	Singheiser et al.	
ML		US- 5244875	09/14/1993	Hauser et al.	
ML		US- 5366585	11/22/1994	Robertson et al.	
ML		US- 5470820	11/28/1995	Hauser et al.	
ML		US- 5498313	03/12/1996	Bailey et al.	
ML		US- 5624632	04/29/1997	Baumann et al.	
ML		US- 5680013	10/21/1997	Dornfet et al.	
ML		US- 5753044	05/19/1998	Hanawa et al.	
ML		US- 5798016	08/25/1998	Oehrlein et al.	
ML		US- 5807613	09/15/1998	Maria et al.	
ML		US- 5824205	10/20/1998	Foster	
ML		US- 5833829	11/10/1998	Foster	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> Number * Kind Code <sup>2</sup> (if known)				
ML		JP-59205468	11/21/1984	Nat'l Res Inst	Abstract	
ML		JP-62174377	7/31/1987	Mitsubishi Heav	Abstract	
ML		PCT-9814980	04/09/1998	Lam Research		
ML		DE-9421671	08/22/1996	Siemens		✓
ML		EP-0849767-A2	06/24/1998	Applied Materia		
ML		DE-3543802-A1	06/19/1987	BBC AK		

Examiner Signature	<i>Carroll</i>	Date Considered	2/17/06
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language translation is attached.

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Sheet	2	of	3
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Application Number	Unknown <i>10/824,123</i>
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
ML		JP-2000-096176	04/04/2000	Sumitomo	Abstract	
ML		EP-0997546-A1	05/03/2000	Sumitomo		
ML		JP-04333573	11/20/1992	Canon Inc.	Abstract	
ML		JP-2000-164572	06/16/2000	Kyocera Corp	Abstract	
ML		JP-11029378-A2	02-02-1999	Chichibu Onodo	Abstract	
ML		JP-10067554	03/10/1998	Kyocera Corp	Abstract	

**Examiner  
Signature**

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Attorney Docket Number	003330 USA PO1/ETCH/METALJB	
Sheet	3	of 3

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
ML		An article titled, "The evolution of DRAM cell technology," Solid State Technology 89-101 (May 1997), El-kareh et al.	
ML		PCT Communication dated 11/25/1999, European Patent Office, P.B. 5818 Patentlaan, NL-2280 HV Rijwik	
ML		Hart, Anthony C, "Alloy plating problem cracked" Nickel Magazine, June 1998	
ML		Praxair, Tribonet MCrAlY Coatings, Praxair Surface Technologies, Ltd, 2002, Available at <a href="http://www.praxair.com/praxair.nsf/d63afe71c771b0d785256519006c5eal/cccb361d6209c12b/\$">http://www.praxair.com/praxair.nsf/d63afe71c771b0d785256519006c5eal/cccb361d6209c12b/\$</a> (no month)	

Examiner Signature	<i>LoNilla</i>	Date Considered	2/17/06
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